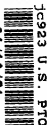


04/13/01



Jc923 U.S. PTO

Please type a plus sign (+) inside this box → ☒

Approved for use through 09/30/2000. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 500.40031X00

First Inventor or Application Identifier SATOE OKAYASU

Title See 1 in Addendum

Express Mail Label No.

APPLICATION ELEMENTS
 See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
 Box Patent Application
 Washington, DC 20231

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
 (Submit an original and a duplicate for fee processing)

5. ☐ Microfiche Computer Program (Appendix)

2. ☒ Specification [Total Pages 55]
 (preferred arrangement set forth below)

6. Nucleotide and/or Amino Acid Sequence Submission
 (if applicable, all necessary)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)

- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)

- c. ☐ Statement verifying identity of above copies

3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 22]

ACCOMPANYING APPLICATION PARTS7. ☒ Assignment Papers (cover sheet & document(s))

8. ☐ 37 C.F.R. § 3.73(b) Statement of Power of Attorney
 (when there is an assignee) ☒

9. ☐ English Translation Document (if applicable)

10. Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

11. Preliminary Amendment

12. ☒ Return Receipt Postcard (MPEP 503)
 (Should be specifically itemized)

13. ☐ * Small Entity Statement(s) ☐ Statement filed in prior application
 Status still proper and desired

14. ☐ Certified Copy of Priority Document(s)
 (if foreign priority is claimed)

15. ☒ Other: See 2 in Addendum

NOTE FOR ITEMS 1 & 11 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (PT C.F.R. § 1.22), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (PT C.F.R. § 1.23).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

Prior application information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

020457

or ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type) Carl L. Brundidge

Registration No. (Attorney/Agent)

29,621

Signature

Date

April 19, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

Attachment to PTO/SB/05 (4/98) Utility Patent Application
Transmittal

1. METHOD OF INFORMATION DISPLAY AND COMMUNICATION SYSTEM USING THE METHOD
2. - Figs. 1-10, 11A-11B, 12, 13A-13C, 14, 15A-15C, 16, 17A-17B, 18A-18C, 19A-19B, 20
- Credit Card Payment Form
- Information Disclosure Sheet Under 37 CFR 1.56 w/refs.

FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.
Small entity payments must be supported by a small entity declaration,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12,
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)**1,070.00**

Complete if Known

Application Number _____
Filing Date **April 19, 2001**
First Named Inventor **SATOE OKAYASU**
Examiner Name _____
Group / Art Unit _____
Attorney Docket No. **500.40031X00**

METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
Deposit Account Number **Antonelli, Terry, Stout & Kraus, LLP**
Deposit Account Name **01-2135**
☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:
☐ Check ☐ Money Order ☒ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 680 201 345			Utility filing fee	710.00
106 310 206 155			Design filing fee	
107 480 207 240			Plant filing fee	
108 690 208 345			Reissue filing fee	
114 150 214 75			Provisional filing fee	

SUBTOTAL (1) (\$)**710.00**

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
9	-20** = 0	18	0
Independent Claims	7 - 3** = 4	180	4320
Multiple Dependent			0

**or number previously paid, if greater. For Reissues, see below

Large Entity Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
103 18 203 9			Claims in excess of 20	
102 78 202 39			Independent claims in excess of 3	
104 290 204 130			Multiple dependent claim, if not paid	
109 78 209 39			** Reissue independent claims over original patent	
110 18 210 9			** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)**320.00**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130 205 65			Surcharge - late filing fee or oath	0.00
127 50 227 25			Surcharge - late provisional filing fee or cover sheet	0.00
139 130 139 130			Non-English specification	0.00
147 2,520 147 2,520			For filing a request for reexamination	0.00
112 920* 112 920*			Requesting publication of SIR prior to Examiner action	0.00
113 1,840* 113 1,840*			Requesting publication of SIR after Examiner action	0.00
115 110 215 55			Extension for reply within first month	0.00
116 380 216 190			Extension for reply within second month	0.00
117 870 217 435			Extension for reply within third month	0.00
118 1,360 218 680			Extension for reply within fourth month	0.00
128 1,850 228 925			Extension for reply within fifth month	0.00
119 300 219 150			Notice of Appeal	0.00
120 300 220 150			Filing a brief in support of an appeal	0.00
121 260 221 130			Request for oral hearing	0.00
138 1,510 138 1,510			Petition to institute a public use proceeding	0.00
140 110 240 55			Petition to revive - unavoidable	0.00
141 1,210 241 605			Petition to revive - unintentional	0.00
142 1,210 242 605			Utility issue fee (or reissue)	0.00
143 430 243 215			Design issue fee	0.00
144 580 244 290			Plant issue fee	0.00
122 130 222 130			Petitions to the Commissioner	0.00
123 50 123 50			Petitions related to provisional applications	0.00
126 240 126 240			Submission of Information Disclosure Stmt	0.00
581 40 581 40			Recording each patent assignment per property (times number of properties)	40.00
146 690 246 345			Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149 690 249 345			For each additional invention to be examined (37 CFR § 1.129(b))	0.00
			Other fee (specify) _____	0.00
			Other fee (specify) _____	0.00

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**40.00**

SUBMITTED BY

Name (Print/Type) **Carl I. Brundidge**
Signature _____

Registration No. (Attorney/Agent) **29,621**

Complete if applicable

Telephone **703-312-6600**
Date **April 19, 2001**

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